

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EV352374134US

Applicant : N. Bruce Moore et al.
Application No. : To be assigned
Filed : Filed Herewith
Title : THREE-DIMENSIONAL STEERING TOOL FOR CONTROLLED
DOWNHOLE EXTENDED-REACH DIRECTIONAL DRILLING

Docket No. : 51306/WGM/W277

INFORMATION DISCLOSURE STATEMENT
FOR A CONTINUING NON-CPA APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PostOffice Box 7068
Pasadena, CA 91109-7068
October 30, 2003

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, enclosed is FORM PTO/SB/08A/B. The references listed thereon are not enclosed because they were of record in a parent application, Application No. 10/282,481, filed October 28, 2002.

It is respectfully requested that these references be considered in the examination of this application, and identified in the list of references cited on the patent issuing on this application.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By Walter G. Maxwell
Walter G. Maxwell
Reg. No. 25,355
626/795-9900

WGM/agj
Enclosure: Form PTP/SB/08A/B
AGJ PAS534061.1.*-10/30/03 9:02 AM

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51306/WGM/W277
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	To be assigned
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	Applicant(s)	N. Bruce Moore et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
		3,285,350	11/15/1966	Henderson
		4,076,084	02/28/1978	Tighe
		4,454,598	06/12/1984	Claycomb
		4,462,469	07/31/1984	Brown
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		4,828,050	05/09/1989	Hashimoto
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		5,163,521	11/17/1992	Pustanyk et al.
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EXAMINER SIGNATURE	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.	

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FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
		EP 0 204 474 A1	05/23/1986	The Analysts International S.A.	
		EP 0 209 217 A2	01/21/1987	Cherrington, Martin D.	
		EP 0 209 318 B1	01/21/1987	Cambridge Radiation Technology	
		EP 0 256 796 B1	02/24/1988	Anadrill International SA	
		EP 0 377 373 B1	07/11/1990	Institut Francais Du Petrole	

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		EP 0 497 420 A1	08/05/1992	Anadrill International SA	
		EP 0 594 418 A1	04/27/1994	Halliburton Company	
		EP 0 624 706 A2	11/17/1994	Baker-Hughes Incorporated	
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		WO 92/21848	12/10/1992	UTD Incorporated	
		WO 93/12318	06/24/1993	Patton, Bob J.	
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		WO 96/31679	10/10/1996	McLoughlin, Stephen John	
		WO 96/37678	11/28/1996	Utilix Corporation	
		WO 97/49889	12/31/1997	Gray, Ian	
		DE 29 11 419 C2	11/13/1980	Stander, Wolfgang, Dr. -Ing.	
		DE 34 03 239 C1	06/27/1985	Jurgens, Rainer, Dr. -Ing.	
		DE 37 04 077 A1	08/13/1987	Bradley, William B. et al.	
		DE 39 39 538 C1	06/13/1991	Jurgens, Rainer, Dr. -Ing.. et al.	
		DE 40 37 262 C2	05/27/1992	Schwidder, Klaus-Dieter et al.	

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OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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